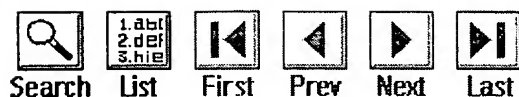


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# MicroPatent's Patent Index Database: [Complete Family of JP2001058969A]

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**JP2001058969A** ☐ **20010306** FullText

**Title:** (ENG) NITROGEN MONOXIDE PRODUCTION INHIBITOR

**Abstract:** (ENG)

**PROBLEM TO BE SOLVED:** To obtain a nitrogen monoxide production inhibitor that is useful for occlusive cerebrovascular disorder and the like with side-effect reduced by extraction-treating the plant that has been used as a legendary herb in Indonesia.

**SOLUTION:** A compound represented by formula I (R1 and R2 are each H or a 1-6C alkyl) or formula II (R3 is H or a residue of monosaccharide) or their salts or their hydrates is used as an active ingredient. The compound represented by formula I bearing methyl groups as R1 and R2 is new and is isolated from the body of a plant called Kaya secang in Indonesia (Caesalpinia sappan) by solvent extraction and the like. The compound of formula II where the R3 is a glucose residue is also obtained from a plant called Sambi boto in Indonesia (Andrographis paniculata) by the extraction from the plant body with a solvent or the like.

**Application Number:** JP 23420799 A

**Application (Filing) Date:** 19990820

**Priority Data:** JP 23420799 19990820 A X;

**Inventor(s):** OSHIMA KOICHI ; FUJIMIYA YOSHIKI ; SODA MAKOTO ; TAKANO FUMIHIDE ; FUSEYA SHINJI

**Assignee/Applicant/Grantee:** NETTAIRIN SAISEI GIJUTSU KENKY

**Original IPC (1-7):** C07C04984; A61K03112; A61K031341; A61K0317048; A61P00104; A61P00310; A61P00910; A61P02900; A61P03500; A61P04300; C07D30758; C07C04574; C07H01526

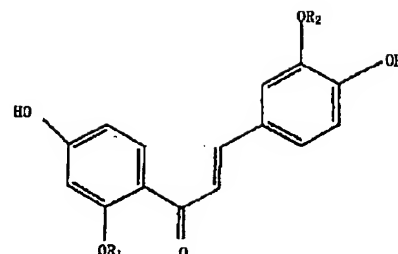
**Other Abstracts for Family Members:** CHEMABS134(15)212687Q

**Other Abstracts for This Document:** CHEMABS134(15)212687Q

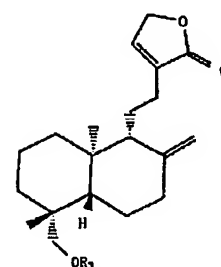
**Patents Citing This One (3):**

- WO2005054170A1 20050616 TAKARA BIO INC JP; OHNOGI HIROMU ; SUGIYAMA KATSUMI ; ENOKI TATSUJI ; KOBAYASHI EIJI ; SAGAWA HIROAKI ; KATO IKUNOSHIN REMEDY
- WO2004096198A1 20041111 TAKARA BIO INC JP; ENOKI TATSUJI JP; KOBAYASHI EIJI JP; OGAWA KINUKO JP; KUDO YOKO JP; TANABE MASASHIGE JP; SUGIYAMA KATSUMI JP; OHNOGI HIROMU JP; SAGAWA HIROAKI JP; KATO IKUNOSHIN JP THERAPEUTIC AGENT
- WO2004031165A1 20040415 TAKARA BIO INC JP; ONOGI HIROMU JP; SUGIYAMA KATSUMI JP; MURAKI NOBUKO JP; ENOKI TATSUJI JP; SAGAWA HIROAKI JP; KATO IKUNOSHIN JP REMEDIES

**Legal Status:** There is no Legal Status information available for this patent



I



II

